STATE OF CALIFORNIA CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base-year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, 9th Floor
PO Box 4025
Sacramento, CA 95812-4025

General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.

☐ 1. Use a recent generation-based study to calculate our current reporting-year generation amount, but not officially change our existing Board-approved base year.

☑ 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The cells on these sheets are protected except for the ones that need information. If you have problems using these sheets, please contact your Office of Local Assistance representative.

Section I: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name	County	
Pleasant Hill	Contra Costa	
Authorized Signature	Title: Senior Civil Engineer	
Type/Print Name of Person Signing	Date	Phone ( )
Todd Teachout		925-671-5261
Person Completing This Form (please print or type)	Title: Consultant	
Mark White/Chris Hanson		
Affiliation: Pacific Waste Consulting Group		
Mailing Address	City	State / ZIP Code
5714 Folsom Boulevard #240	Sacramento	CA 95819
E-mail address: mark@pwcg.net		

Section II: Information for New Generation-Based Study for Existing or New Base Year

Attach additional sheets if necessary— reference each response to the appropriate cell number (e.g., 4).

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved base-year:	2. Proposed new generation-based study year:
1990	**1999**

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

The original base-year data is old, inaccurate, and incomplete. The proposed base-year is based on a new and accurate Waste Generation Study. Data for the proposed base-year was obtained directly from hauler reports, DRS data, and waste audits and surveys. The calculations used Board-approved conversion factors. No extrapolation was used. The extensive data gathered and accurate calculations result in an accurate base-year. There were no unusual events, in the study year, such as natural disasters or large construction or demolition projects, so it is an average year in terms of disposal and diversion.

4. Enter your diversion rates below.

Diversion rate calculated using existing base year	**a. 19 %**	**Diversion rate calculated using new generation-based study**	**b. 41 %**
For existing base year pounds/person/day based on generation	**0.2**	**For new generation based study pounds/person/day based on generation**	**0.4**
Residential generation 38 %	**Non-Residential Generation 62 %**	**Residential generation 34 %**	**Non-Residential generation 66% %**
Population existing generation-based study	**#####**	**Population new generation-based study**	**924400**

5. If there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples, e.g. change in jurisdiction's demographics.

The new diversion rate is based on a generation study that includes diversion from City and hauler programs as well as that from an extensive business survey that included on-site waste audits of the larger generators. The study includes diversion from other recycling service providers and source reduction methods that are NOT reflected in the original base year. The City has continuously increased diversion through implementing and expanding programs such as the City's asphalt diversion and curbside programs. There is only a slight increase in the lbs/person/day (0.2 percent) and it is attributed to identifying the additional diversion which resulted in an increase in overall generation for the population.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

There is a significant increase between the existing and the proposed diversion rates. The increased diversion rate is attributed to newly implemented or expanded diversion programs as well as the identification of diversion that was missed in the original base year. The new or expanded programs include the curbside recycling service (1995), expanded materials collected at curbside (2000), residential greenwaste collection service (1999), extensive grasscycling and composting campaigns, and various City recycling and reuse programs. The diversion missed in the original base year includes the use of recyclers other than the waste hauler and recycling and source reduction done by the larger generators in the City. This diversion accounts for the majority of the City's diversion efforts.

Section II: Information for New Generation-Based Study for Existing or New Base Year

Attach additional sheets if necessary— reference each response to the appropriate cell number (e.g., 4).

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved base-year:	**2.** Proposed new generation-based study year:
1990	**1999**

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

The original base-year data is old, inaccurate, and incomplete. The proposed base-year is based on a new and accurate Waste Generation Study. Data for the proposed base-year was obtained directly from hauler reports, DRS data, and waste audits and surveys. The calculations used Board-approved conversion factors. No extrapolation was used. The extensive data gathered and accurate calculations result in an accurate base-year. There were no unusual events, in the study year, such as natural disasters or large construction or demolition projects, so it is an average year in terms of disposal and diversion.

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Diversion rate calculated using existing base year	**a. 19 %**	**Diversion rate calculated using new generation-based study**	**b. 41 %**
For existing base year pounds/person/day based on generation	**0.2**	**For new generation based study pounds/person/day based on generation**	**0.4**
Residential generation 38 %	**Non-Residential Generation 62 %**	**Residential generation 34 %**	**Non-Residential generation 66 %**
Population existing generation-based study	92440	**Population new generation-based study**	924400

5. If there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples, e.g. change in jurisdiction's demographics.

The new diversion rate is based on a generation study that includes diversion from City and hauler programs as well as that from an extensive business survey that included on-site waste audits of the larger generators. The study includes diversion from other recycling service providers and source reduction methods that are NOT reflected in the original base year. The City has continuously increased diversion through implementing and expanding programs such as the City's asphalt diversion and curbside programs. There is only a slight increase in the lbs/person/day (0.2 percent) and it is attributed to identifying the additional diversion which resulted in an increase in overall generation for the population.

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There is a significant increase between the existing and the proposed diversion rates. The increased diversion rate is attributed to newly implemented or expanded diversion programs as well as the identification of diversion that was missed in the original base year. The new or expanded programs include the curbside recycling service (1995), expanded materials collected at curbside (2000), residential greenwaste collection service (1999), extensive grasscycling and composting campaigns, and various City recycling and reuse programs. The diversion missed in the original base year includes the use of recyclers other than the waste hauler and recycling and source reduction done by the larger generators in the City. This diversion accounts for the majority of the City's diversion efforts.

7. Disposal Tonnage: (enter values)	15265	19532	34797
	Residential	Non-Residential	Total

Please select the **ONE** choice below that best explains your **disposal** data and complete the required tables.

☑ a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

☐ b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at http://www.ciwmb.ca.gov/lgcentral/forms/rytnmdrq.doc)

☐ c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at http://www.ciwmb.ca.gov/lgcentral/forms/rytnmdrq.doc)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. (Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested) Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, [agricultural wastes,inert solids (e.g., concrete, asphalt, dirt, etc.), white goods, and scrap metal] please identify those programs/waste types and fill out section 10. Please mark as Attachment 8 all copies of survey forms.

*Please provide detailed non-Residential waste audit information in Section 9.

Diversion Activity Please use the Board's program types. The program type glossary is online at: http://www.ciwmb.ca.gov/lgcentral/paris/codes/reduce.htm	Actual tons (A)	Relative Percent to Total Generation (A/Total Generation)	Specific material type(s) (List operation w/multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Residential Activities:					
Source Reduction					
Backyard composting					
Grasscycling		0.0%			
Other Residential source reduction (list each program separately)					
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Subtotal Residential Source Reduction	**0**	**0.0%**			
Recycling					
Curbside Recycling	2018	3.4%	Glass, Plastic, Alum, tin, newspaper, OCC, phone books	Actual tonnage	Hauler records, PHBD
Buyback centers	949	1.6%	Glass, Plastic, Alum.	Actual tonnage	DOR records
Drop-off centers					
Other Residential recycling (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Residential Recycling	**2967**	**5.0%**			

Diversion Activity Please use the Board's program types. The program type glossary is online at: http://www.ciwmb.ca.gov/locentral/parts/codes/reduce.htm	Actual tons (A)	Relative Percent to Total Generation (A/Total Generation)	Specific material type(s) (List operation w/multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Composting					
Green waste drop-off					
Curbside green waste	1703	2.9%	Green materials	Actual tonnage	Hauler records, PHBD
Christmas Tree program					
Other Residential composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Residential Composting	**1703**	**2.9%**			
Subtotal Residential Diversion	**4670**	**7.9%**			
Non-Residential Activities:					
Source Reduction					
Non-Residential Waste Audits*	9102	15.4%		See Section 9	
Other non-Residential source reduction (list each program separately)					
City Park Grasscycling	243	0.4%	grass clippings - 32 acres	7.6 tons/acre/year (source CIWMB)	Pleasant Hill Recreation & Park District (provided)
Enter Program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Source Reduction	**9345**	**15.8%**			
Recycling					
Non-Residential Waste Audits*	5624	9.5%		See Section 9	
Other non-Residential recycling (list each program separately)					
Commercial Collection - Hauler	190	0.3%	OCC, paper, glass, plastic, metals, wood.	Actual tonnage	Hauler records, PHBD
Commercial Recycling through Recycling Services (other than hauler)	1598	2.7%	OCC, paper, glass, plastic, metals, wood, green materials, textiles, tires.	Actual tonnage	Phone surveys, reports
Enter program name					

Diversion Activity Please use the Board's program types. The program type glossary is online at: http://www.ciwmb.ca.gov/lgcentral/parts/codes/reduce.htm	Actual tons (A)	Relative Percent to Total Generation (A/Total Generation)	Specific material type(s) (List operation w/multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Subtotal Non-Residential Recycling	**7412**	**12.5%**			
Composting					
Non-Residential Waste Audits*	394	0.7%		See Section 9	
Other non-Residential composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Composting	**394**	**0.7%**			
Subtotal Non-Residential Diversion	**17151**	**28.9%**			
Residential/Non- Residential Diversion Activities					
ADC	745	1.3%	Green material, C&D	Actual tonnage less hauler GW	DRS Reporting System
Sludge					
Scrap metal					
Construction and demolition	1933	3.3%	Asphalt	Actual tonnage	City records
Landfill salvage					
Subtotal Residential/Non-Residential diversion	**2678**	**4.5%**			
Total Diversion Tons	**24499**	**41.3%**			
Total Disposal Tons from Sec.7	**34797**	**58.7%**			
Total Generation Tons (Div+Dis)	**59296**				

9. Specific Non-Residential Sector Waste Audits-Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.
(Form will perform all addition calculations).
Please provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type. Include copies of survey form(s) used.

Type of Non-residential Generator	Audit Reference Number	Specific Major Diversion Activities Include material type (e.g. paper recycling, grasscycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation in Section 8)	Survey Method Phone (P) Mail (M) On-site (O) Other ___
Manufacturer	A-99-01	Recycling of scrap metal and scrap wood, pallets; Source reduction of scrap plastic and metals, donation of materials.	6504	7	0	6511.48575	11.0%	
Government	C-99-01	Recycling of asphalt in street repair	1933	0	0	1933	3.3%	
Golf Course	S-99-01	Grasscycling	965	2	0	967.174	1.6%	
Retail	A-99-03 + S-99-03	Recycling of OCC, aluminum and plastic. Source reduction of OCC, pallets.	5	962	0	966.9333037	1.6%	
Food Store	S-99-02	Recycling of OCC, plastic; Source reduction of pallets; rendering and composting.	0	681	185	865.6	1.5%	
Food Store	S-99-04	Recycling of OCC, plastic; Source reduction of pallets; rendering and composting.	0	449	113	562.2	0.9%	
Tire Store	S-99-05	Recycling of tires, scrap metal.	0	522	0	521.8	0.9%	
Thrift Store	A-99-02	Reuse of used items.	0	484	0	484.2	0.8%	
Retail	S-99-06	Recycling of OCC, paper, glass; Reuse of toner cartridges and pallets.	0	431	0	430.911	0.7%	
Food Store	S-99-07	Recycling of OCC, plastic; Source reduction of pallets; rendering and composting.	0	333	96	429.6	0.7%	
Totals			9406.5458	3872.0583	394.3	13672.90405	23.1%	

Summarize the non-residential diversion activities quantification methodology and applicable conversion factors.

Cardboard Recycling:
A-99-03/S-99-03 They backhaul to corporate 30 900-lb bales of OCC weekly, to total 702 tons annually. Other OCC is compacted and recycled through a recycler. Each week, 21 cubic yards (400 lbs/cubic yard, CIWMB), is recycled.
S-99-02 These materials are backhauled to the distribution center, which tracks all materials and volumes received from each store. According to the recycling center, they also diverted 384 tons OCC.
S-99-04 These materials are backhauled to the distribution center, which tracks all materials and volumes received from each store. According to the recycling center, they also diverted 233.2 tons OCC.
S-99-07 These materials are backhauled to the distribution center, which tracks all materials and volumes received from each store. According to the recycling center, they also diverted 199.4tons OCC.
S-99-06 They compact OCC into 900 lb bales, 12 per week, for 281 tons diversion.

Cardboard Source Reduction:
A-99-03/S-99-03 Cardboard boxes are reused, 50 medium boxes per week (2.2 lbs/med box, CIWMB), for 2.86 tons.

Scrap Metal Recycling:
A-99-01 In 1999, 2500 pounds of scrap metal were recycled through a recycler to total 1.25 annual tons.
S-99-05 They send wheels to a recycler, 20 per month (15 lbs per wheel per manager estimate), for 1.8 tons diversion. They started the metal recycling in 1993 and recycle with a recycler that we did not survey (no double counting).

Scrap Metal Source Reduction:
A-99-01 Thirteen million pounds, or 6500 tons, of damaged metal office equipment were rebuilt and diverted from landfills in 1999. Another 4.3 tons of metal office furniture was donated to charities.

Pallets:
A-99-01 Pallets were donated to scavengers that sold them to a recycler. In 1999, they stated 25 pallets monthly (40 lbs/ea, USEPA) were donated, which total 6 tons.
A-99-03/S-99-03 Pallets are picked up by a wood recycler, 250 pallets weekly (40 lbs/pallet, CIWMB) for 260 tons.
S-99-02 The store sent back pallets (one time use, wooden) to corporate for reuse or recycling, if pallets damaged. They sent back 40 pallets daily, 6 days per week (40 lbs/pallet, USEPA) for 250 annual tons diversion.
S-99-04 The store sent back pallets (one time use, wooden) to corporate for reuse or recycling, if pallets damaged. They sent back 30 pallets daily, 6 days per week (40 lbs/pallet, USEPA) for 187.2 tons diversion.
S-99-06 Pallets are sent back to corporate for reuse (one time wooden pallets, 40 lbs each, USEPA), 24 pallets per day, 6 days per week, for 150 tons diversion.
S-99-07 The store sent back pallets (one time use, wooden) to corporate for reuse or recycling, if pallets damaged. They sent back 17-18 pallets daily (we used 17.5 for our calculations), 6 days per week (40 lbs/pallet, USEPA) for 109.2 tons diversion.

Toner Cartridge Recycling:
A-99-01 They return and reuse toner cartridges, 5 annually (2.5 lbs/each, USEPA), totaling .006 tons.
S-99-06 They send back printer cartridges to the manufacturer (2.5 lbs/cartridge, USEPA), one per week, for .065 tons diversion.

Asphalt Recycling:
C-99-01 The City of Pleasant Hill recycles its asphalt that is removed in street projects. The asphalt is recycled into new material and reused. The tonnage came from Public Works records and verified by the City Senior Civil Engineer.

Grasscycling:
S-99-01 This golf club grasscycles 120 acres of turf (350 lbs/1000 square feet, CIWMB), to total 915 tons of diversion. We did not count acreage that could not be grasscycled, such as putting greens, paved areas or other developed areas. The Maintenance manager verified the acreage.

Plastic Recycling:
A-99-03/S-99-03 Surplus hangers, 500 per week (0.13 lbs/each, UCLA), are now sent back to corporate for reuse instead of being thrown away, for 1.69 tons diversion.
S-99-02 These materials are backhauled to the distribution center, which tracks all materials and volumes received from each store: 8.5 tons plastic,
S-99-04 These materials are backhauled to the distribution center, which tracks all materials and volumes received from each store: 5.1 tons plastic
S-99-07 These materials are backhauled to the distribution center, which tracks all materials and volumes received from each store: 4.4 tons plastic

Rendering Recycling:
S-99-02 These materials are backhauled to the distribution center, which tracks all materials and volumes received from each store: 39 tons rendering
S-99-04 These materials are backhauled to the distribution center, which tracks all materials and volumes received from each store: 23.7 tons rendering
S-99-07 These materials are backhauled to the distribution center, which tracks all materials and volumes received from each store: 20.3 tons rendering

Composting Recycling:
S-99-02 These materials are backhauled to the distribution center, which tracks all materials and volumes received from each store: 185.3 tons produce composting.
S-99-04 These materials are backhauled to the distribution center, which tracks all materials and volumes received from each store: 112.6 tons produce composting.
S-99-07 These materials are backhauled to the distribution center, which tracks all materials and volumes received from each store: 96.3 tons produce composting.

Aluminum Recycling:
S-99-06 Aluminum is bagged in grocery bags and recycled by employees, 1 bag per week (1.5 lbs/grocery bag, USEPA), for .039 tons diversion.
A-99-03/S-99-03 Employees recycle 1 33-gallon bag of aluminum weekly (14.6 lbs/33-gallon bag crushed and uncrushed mixed, LA County) to total 0.4 tons diverted.

Paper Reuse:
S-99-06 They reuse paper and make double-sided copies, reusing 1000 pages per week. Using 500 pages/ream (5 lbs/ream, CIWMB), they divert .26 tons per year.

Glass Recycling:
S-99-06 They recycle glass containers, 1 case per week (12 lbs/case, USEPA), for .312 tons diversion.

Tires:
S-99-05 The store sends tires to a recycler. On an average week, they recycle 500 tires (we used an average of 40 lbs per tire - avg of car and truck tires since the store claimed they do both - CIWMB factor) for 520 tons annual diversion.

Thrift Store Items (Source Reduction):
A-99-02 This large thrift store was audited in person and all information provided by the manager. We did not use the conversion factor for thrift stores that is no longer allowed by the CIWMB. We used a weight factor for clothing items of 1 pound each, an average used by the industry's corporate offices for their tracking and reporting purposes. All items and quantities quoted are the quantities after they have been sorted and unsellable items rejected. Therefore all quantities reflect amounts that are received and kept at the store until sold. They receive 1000 clothing items daily, at 1 pound each, 7 days/week, for an annual diversion of 182 tons. They also accept 15 furniture items daily, they manager estimated the average size to be 100 lbs, for 195 tons diversion. They receive 20 boxes of household items and small furniture (eg. shelves) daily, each box approximately 25 pounds, for annual diversion of 91 tons. They also accept, on average, 60 books daily. At an average of 1.48 lbs/book (average hard and soft cover, Tellus), they divert 16 tons annually.

10. For each restricted waste type [i.e., agricultural waste, inert solids, (e.g. concreter, asphalt, dirt, etc.) scrap metals and white goods (PRC Section 41781.2)] and associated program, please provide the following

a. If the diversion program started on or after January 1, 1990, complete the following table.
(Note: program name refers to one specific diversion program for that waste type; (e.g., diversion conducted by City Public Waste Dept).

Restricted Waste Type	Specific Program name	Year started	Tonnage
Pull Down for Waste Types	See Attachment 10 for Complete List		2312
Pull Down for Waste Types			
Pull Down for Waste Types			
Pull Down for Waste Types			
Pull Down for Waste Types			
Pull Down for Waste Types			

b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 10b, provide the following documentation: (Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.
Instead please provide date of Board approval of preciously submitted information. _____ (Date)
If documentation is not available, go to 10d.

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion [PRC Sec. 41781.2 (c) (1)].
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (Note: this criterion is applicable to the entire jurisdiction, not to individual programs [PRC Sec. 41781.2 (c) (2)]).
- The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New base year or reporting year diversion tonnage
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. (***Note**: Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.)*

Restricted Waste Type	Specific Program name	New base year or reporting year tonnage	1990 diversion tonnage	Difference
Scrap Metal	See Attachment 10 for List	9.1	0	9.1
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				

City of Pleasant Hill 1999 WGS

ATTACHMENT 10

10. For each restricted waste type [i.e., agricultural waste, inert solids, (e.g. concreter, asphalt, dirt, etc.) scrap metals and white goods (PRC Section 41781.2)] and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table. (Note: program name refers to one specific diversion program for that waste type; (e.g., diversion conducted by City Public Waste Dept).

PROGRAMS STARTING ON OR AFTER JANUARY 1, 1990:

Restricted Waste Type	Specific Program name	Year started	Tonnage	Ref #
Scrap Metal	Business's Recycling of Scrap Metal through recycling service	1998	48.0	S-99-18
Scrap Metal	Business's Recycling of Scrap Metal through recycling service	1998	1.3	A-99-01
Scrap Metal	Business's Recycling of auto parts through recycling service	1997	20.8	S-99-22
Scrap Metal	Business's Recycling of Scrap Metal through recycling service	1996	1.5	S-99-01
Scrap Metal	Business's Recycling of Scrap Metal through recycling service	1995	0.6	S-99-21
Scrap Metal	Recycling of wheels, rims, and weights through recycler	1993	5.2	S-99-11
Scrap Metal	Recycling of wheels, rims, and weights through recycler	1993	1.8	S-99-05
Scrap Metal	Recycling of wheels, rims, and weights through recycler	1990	0.2	S-99-14
Inert Solids	Business's Recycling of Concrete through recycling service	1990	300	A-99-05
Inert Solids	Recycling of Asphalt by Public Works Dept, Maintenance Div.	1999	1,933	C-99-01
Total Allowable Diversion			2,312	

b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 10b, provide the following documentation: (Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.

Instead please provide date of Board approval of preciously submitted information. _____ (Date)

If documentation is not available, go to 10d.

§ How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion [PRC Sec. 41781.2 (c) (1)].

§ That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (Note: this criterion is applicable to the entire jurisdiction, not to individual programs
[PRC Sec. 41781.2 (c) (2)]).

§ The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

PROGRAMS STARTING BEFORE JANUARY 1, 1990 MEETING CRITERIA:

Restricted Waste Type	Specific Program Name	New base year or reporting year

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. (Note: Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.)

PROGRAMS STARTING BEFORE JANUARY 1, 1990 NOT MEETING CRITERIA:

Restricted Waste Type	Specific Program name	New base year or	1990 diversion	Difference	Ref #
Scrap Metal	Recycling through recycling servic	9.1	0	9.1	S-99-08
Inerts	Recycling of concrete from local businesses	1,452		1,452.0	R-99-01
				-	
				-	
				-	
Total Allowable Diversion				1,461.1	

Business Audit Diversion for the City of Pleasant Hill

Reference Number	Business Type	Diversion Activity	Material Type	Conversion Factor and Source	Source Reduc-tion	Recy-cling	Compos-ting	Total Tons	Notes
A-99-01	Furniture/Refurb	Reuse	refurbished office furniture	13,000,000 lbs annually (source: unknown)	6,500			6,500	
		Reuse/Donation	8,459 Chairs & Desks	31.76 lbs per secretary chair (source: USEPA) 184.75 lbs 60"x30"	4			4	
	Creative Office	Reuse	5 toner cartridges/annually	2.50 lbs per cartridge (source: USEPA)	0			0	
		Scavanged	25 Pallets/month	40 lbs per pallet (source: CIWMB?)	6			6	
	Did you see their web	Recycling	other metals	2500 lbs annually (source: N/A reported in lbs)		1		1	
	site?	Recycling	wood	restructed unknown amount				0	
							Subtotal	6,511	
A-99-02	Thrift Store	Reuse	Clothing -1000lbs/daily	1lb/each (source: industry standard)	182			182	
		Reuse	Furniture - 15/daily	100 lbs/each (source: industry estimate)	195			195	
		Reuse	House Items - 20 boxes/daily	25 lbs /box (source: industry estimate)	91			91	
		Reuse	Books - 60 books/daily	1.48 lbs/mixed books (source: Tellus)	16			16	
							Subtotal	484	
A-99-03/S-99-03	Department Store	Recycling	Cardboard - 21 cu yd/weekly	400 lbs/cu yd compacted (source: USEPA)		216		216	
		Recycling	Alum - 33 gal bag/weekly	Employees do the recycling 14.6 lbs/33 gal bag - crushed/uncrushed (source		0		0	
		Reuse	Boxes - 50 med. Boxes/week	2.20 lbs/med box (source: CIWMB)	3			3	
		Reuse	Hangers - 500 weekly	.13 lb/plastic hanger (source: UCLA)	2			2	
		Recycling	Cardboard - 30 bales/week	900 lbs/bale (source: USEPA)		702		702	
		Reuse	Pallets - 250 monthly	40 lbs/pallet (source: CIWMB)	260			260	
							Subtotal	1,183	
A-99-04	Department Store	Recycling	Cardboard - 30 cu yd/weekly	400 lbs/cu yd compacted (source: USEPA)		308		308	
		Reuse	Toner Cartridges - 15 yearly	2.5 lbs/cartridge (source: USEPA)	0			0	
		Reuse	Pallets - 78 weekly	40 lbs./pallet (source: CIWMB)	81			81	
							Subtotal	389	
A-99-05	Construction	Recycling	Inerts	25 tons monthly (source: N/A, reported in tons)		300		300	
		Reuse	Pallets - 10 weekly	40 lbs/pallet (source: CIWMB)	10			10	
							Subtotal	310	
A-99-06	Department Store	Reuse	Cardboard - 250 weekly	2.20 lbs/med box (source: CIWMB)	14			14	
		Reuse	metal fixtures -	75 lbs. Month ---(source: N/A, reported in lbs)	0			0	

		Repair	Computer - 2 yearly	55.55 lbs/ computer (Source: UCLA)	0			0
		Reuse	Pallets - 45 weekly	40 lbs/pallet (source: CIWMB)	47			47
		Recycling	cardboard - 59.26 cu yd/week	100 lbs/cu yd - uncompacted (source: CIWMB)		154		154
		Recycling	toner cartridges - 30 monthly	2.5 lbs./cartridge (source: USEPA)		0		0
							Subtotal	216
A-99-07	Retail Store	Recycling	Cardboard - 948 cu yd bale/year	400 lbs/cu yd compacted (source: USEPA)		190		190
		Reuse	cartridges - 10 annually	2.5 lbs./cartridge (source: USEPA)	0			0
		Reuse	Pallets - 5 weekly	40 lbs/pallet (source: CIWMB)	5			5
							Subtotal	195
A-99-08	Retail Store	Recycling	Cardboard - 15 cu yd/baled/week	400 lbs/cu yd compacted (source: USEPA)		154		154
		Reuse	Toner cartridges - 2 yearly	2.5 lbs./cartridge (source: USEPA)		0		0
		Reuse	Pallets - 17 weekly	40 lbs/pallet (source: CIWMB)	18			18
							Subtotal	172
A-99-09	Retail Store	Recycling	Cardboard - 4 cu yd/biweekly	100 lbs/cu yd - uncompacted (source: CIWMB)		5		5
		Recycling	Paper - 96 gallons biweekly	25.41 lbs/33 gallon container (source: USEPA)		1		1
		Reuse	Boxes - 10 various box/week	2.20 lbs/med box (source: CIWMB)	1			1
		Reuse	Pallets - 100 weekly	40 lbs/pallet (source: CIWMB)	104			104
		Donation	Textiles - damaged dog beds, etc.	100 lbs monthly (source: N/A, reported in lbs)	1			1
		Donation	Dog food - damaged bags donate	500 lbs monthly (source: (N/A, reported in lbs)	3			3
							Subtotal	114
A-99-10	Book Store	Recycling	Books - 15,540 lbs books month	1.08 lbs paper back/1.87 lbs hardback (source: LA Study)	93			93
		Recycling	Alum - 2 -13 gal bag/weekly	Employees do the recycling 2.21 lbs/13 gal bag - crushed/uncrushed (source		0		0
		Recycling	CDs - broken and damaged, retur	100 lbs monthly (source: N/A, reported in lbs)		1		1
		Repair	Computer - 2 yearly	55.55 lbs/ computer (Source: UCLA)	0			0
		Reuse	Pallets - 15 weekly	40 lbs/pallet (source: CIWMB)	16			16
							Subtotal	110
A-99-11	Thrift Store	Reuse	Clothing - 1 bin daily	150 lbs/bin (source: Industry estimate).	0			0
		Reuse	Furniture - 4 weekly	100 lbs/each (source: Industry estimate)	10			10
		Reuse	House Items - 10 totes daily	20 lbs/tote (source: Industry estimate)	23			23
		Reuse	Books - 15 toes daily	25 lbs/tote (source: Industry estimate)	49			49
		Reuse	Appliances - 1 tote daily	20 lbs/tote (source: Industry estimate)	3			3
							Subtotal	85
A-99-12	Moving Service	Recycling	Cardboard - 3 tons monthly	Reported in tons (source: Contra Costa Waste Inc.)		36		36
		Recycling	Paper - 1 ton monthly	Reported in tons (source: Contra Costa Waste Inc.)		12		12
		Reuse	Cardboard - 1 ton monthly	Reported in tons (source: n/a)	12			12

		Reuse	Pallets - 50 monthly	40 lbs/pallet (source: CIWMB)	12			12
							Subtotal	72
A-99-13	Metal Manufacturing	Reuse	cardboard boxes - reused in shipp	1,000 lbs monthly (source: N/A, Reported in lbs)	6			6
		Reuse	Other Metals - reused in mfg	3,000 lbs monthly (source: N/A, Reported in lbs)	18			18
		Reuse	Wood - reused in mfg	250 lbs/month (source: N/A, Reported in lbs)	2			2
		Reuse	Pallets - 10 monthly	40 lbs/pallet (source: CIWMB)	2			2
							Subtotal	28
					7,789	2,080	0	9,870
							Grand total	9,870